

ABSTRACT OF THE DISCLOSURE

A method and device for the delivery of a substance into skin via the rotational movement of a microabrader device reduces the effects of operator variability. The method includes applying a substance to an area of a patient's skin through the rotational movement of microprotrusions. The movement of the microprotrusions can be imparted by a spring device or the like present in the microabrader device or the motion of the operator through the handle of the microabrader device. The rotational motion localizes the administration of the drug or vaccine dosage in the abraded skin area. The device can include means for monitoring pressure of the device against the skin and thereby promote consistency between applications and control of penetration depth. The substance, drug or vaccine may be placed on the microprotrusions and a reconstituting liquid included in the microabrader device.